

To: Coffman, Joel[Coffman.Joel@epa.gov]
Cc: Piantka, George (George.Piantka@nrg.com)[George.Piantka@nrg.com]
From: Steve Williams
Sent: Tue 5/17/2016 3:33:00 PM
Subject: RE: Sunrise UIC Well Operations

Thanks we plotted them yesterday, just doing a double check make sure its accurate. So far looks like they are within the shaded area.

Steve Williams PG, CHG

Partner

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Steve.williams@erm.com

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From: Coffman, Joel [mailto:Coffman.Joel@epa.gov]
Sent: Tuesday, May 17, 2016 7:49 AM
To: Steve Williams
Cc: Piantka, George (George.Piantka@nrg.com)
Subject: RE: Sunrise UIC Well Operations
Importance: High

These maps show the wells as compared to the administrative boundary of the Midway-Sunset Field (attached) but we need them plotted to show they are within the shaded areas of the maps I sent you. If you need to check, you can use the Well Finder application on the DOGGR website and choose "Find by Oil/Gas Field."

<http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx>

Joel

From: Steve Williams [<mailto:Steve.Williams@erm.com>]
Sent: Monday, May 16, 2016 9:52 AM
To: Coffman, Joel <Coffman.Joel@epa.gov>
Cc: Piantka, George (George.Piantka@nrg.com) <George.Piantka@nrg.com>
Subject: RE: Sunrise UIC Well Operations

Not a problem, we'll plot the locations and send back.

Steve Williams PG, CHG

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From: Coffman, Joel [<mailto:Coffman.Joel@epa.gov>]
Sent: Monday, May 16, 2016 9:10 AM
To: Steve Williams
Subject: RE: Sunrise UIC Well Operations
Importance: High

Steve:

If you could, look at the attached and plot out the locations for the Sunrise injection wells on both pages. This will help a lot as we are still working to determine the exact status of the injection zone there. The first page, plot on the right hand side and the second page, plot in the Northwest Half of the Field (top half) of the map.

Thanks, Joel

From: Steve Williams [<mailto:Steve.Williams@erm.com>]
Sent: Friday, May 13, 2016 6:52 PM
To: Coffman, Joel <Coffman.Joel@epa.gov>
Cc: Piantka, George (George.Piantka@nrg.com) <George.Piantka@nrg.com>
Subject: RE: Sunrise UIC Well Operations

Joel, attached is the referenced letter.

Steve Williams PG, CHG

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From: Coffman, Joel [<mailto:Coffman.Joel@epa.gov>]

Sent: Thursday, May 12, 2016 3:09 PM

To: Steve Williams

Subject: RE: Sunrise UIC Well Operations

Thanks Steve.

From: Steve Williams [<mailto:Steve.Williams@erm.com>]

Sent: Thursday, May 12, 2016 3:08 PM

To: Coffman, Joel <Coffman.Joel@epa.gov>

Subject: RE: Sunrise UIC Well Operations

I'll track it down when I get back to my computer.

From: Coffman, Joel <Coffman.Joel@epa.gov>
Sent: Thursday, May 12, 2016 2:59:15 PM
To: Steve Williams
Subject: RE: Sunrise UIC Well Operations

Steve: In your renewal application for Sunrise, in the references given for figure S-1 you reference the following letter:

SUNRISE POWER COMPANY, LLC Sunrise Permit Package

References

U.S. Environmental Protection Agency (USEPA). 2009. Letter from Alexis Strauss, Director, Water Division, Region IX, to Mr. Jason Marshall, Acting State Oil and Gas Supervisor, California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR). July 31, 2009.

Can you send me a copy of this letter?

Joel Coffman

From: Steve Williams [<mailto:Steve.Williams@erm.com>]
Sent: Thursday, May 12, 2016 8:01 AM
To: Coffman, Joel <Coffman.Joel@epa.gov>; Piantka, George <George.Piantka@nrg.com>
Cc: King, David S. <David.King@nrg.com>; Bertolini, Tom <Thomas.Bertolini@nrg.com>; Lam, David <David.Lam@nrg.com>
Subject: RE: Sunrise UIC Well Operations

Thank you Joel, we'll you know if there are any anticipated changes to the schedule.

Steve Williams PG, CHG

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From: Coffman, Joel [<mailto:Coffman.Joel@epa.gov>]
Sent: Thursday, May 12, 2016 7:43 AM
To: Piantka, George
Cc: King, David S.; Steve Williams; Bertolini, Tom; Lam, David
Subject: RE: Sunrise UIC Well Operations
Importance: High

Please see the attached letter. Joel

From: Piantka, George [<mailto:George.Piantka@nrg.com>]
Sent: Tuesday, April 26, 2016 2:44 PM
To: Coffman, Joel <Coffman.Joel@epa.gov>

Cc: King, David S. <David.King@nrg.com>; Steve Williams (Steve.Williams@erm.com) <Steve.Williams@erm.com>; Bertolini, Tom <Thomas.Bertolini@nrg.com>; Lam, David <David.Lam@nrg.com>; David Lam (David.Lam@erm.com) <David.Lam@erm.com>
Subject: Sunrise UIC Well Operations

Joel,

I wanted to inform you that Sunrise discovered on April 14th and 15th that they temporarily lost communication with the two transmitters that provide flow data for wells WW3, WW4, and A72R. The south radio that serves the flow transmitter for wells WW3 and WW4, the north radio that serves the flow transmitter for well A72R, and the downhole pressure transducer loss power. The respective batteries were replaced and power was restored to the radios on April 18. Since the repair, the radios continue to report the respective flow data; however, the downhole pressure indication continues to be faulty. We will report the loss of communication and respective repairs and the status of the downhole pressure transducer resolution in the first quarter 2016 report. We are also addressing preventive measures to better ensure radio service for these transmitters.

If you have any questions, please do not hesitate to contact me.

Best Regards,

George Piantka, PE

Sr. Director, Regulatory Environmental Services

NRG Energy, Inc.

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